

Notice of Allowability

Application No.

09/628,532

Examiner

Jeffrey C. Pwu

Applicant(s)

DORBOLO, RICCARDO G.

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Appeal Brief filed 3/14/2005 and Interview 6/14/2005.
2. ☒ The allowed claim(s) is/are 13-38.
3. ☒ The drawings filed on 31 July 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

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1. This communication is in response to Appeal Brief filed 3/14/2005 and Interview 6/14/2005.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Kurt M. Pankratz (Reg. No. 46,977) on 6/16/05.

3. Claims 1-12 has been canceled

4. Claim 20 has been amendment as follow:

A system for associating routing parameters for a switch with line cards services by the switch, comprising:

a computer-readable medium; and

software stored on the computer-readable medium, the software operable to initially associate a routing parameter set in a router memory for a witch with a first line card, the routing parameter set including a plurality of routing parameters to be provided to the switch to service the first line card, and, in response to an event initiating

Art Unit: 2143

activation of a second line card in place of the first line card, to reassociate the routing parameter set with a second line card, by reprogramming redirection memory, the routing parameters to be provided to the switch to service the second line card.

Allowable Subject Matter

5. Claims 13-38 are allowed.

The following is an examiner's statement of reason for allowance:

The present invention is directed to a method and system for reprogramming instructions or routing parameters for a switch. The independent claims 13, 28, 31, and 38 identifies an uniquely distinct feature "programming a redirection memory to associate a routing parameter set in a routing memory for a switch with a first line card, the routing parameter set including a plurality of routing parameters to be provided to the switch to service the first line card". And independent claims 20 and 26 both identifies a unique feature of "to reassociate the routing parameter set with a second line card, by reprogramming redirection memory, the routing parameters to be provided to the switch to service the second line card" and "a redirection memory operable to selectively associate each instruction set of the instruction memory with a disparate one of the line cards; and a controller operable to reprogram the redirection memory to change associations of the instruction sets with the line cards".

6. The closest prior art, Ghai et al. (U.S. 6,389,024) discloses a router for a telecommunications switching system that is easily programmable to provide different

Art Unit: 2143

routing algorithms for various calls. Gerstel et al. (U.S. 6,256,293) discloses a fault management in a multichannel transmission system, Pomp et al. (U.S. 6,097,515) describes a switchable optical network unit that permits rapid automated upgrades of service, Madonna et al. (U.S. 5,598,409) discloses a user-programmable telephone switch which resides within a commercially available personal computer, and Bartholomew et al. (U.S. 6,147,988) discloses a public switched telecommunications network which provides IP (Internet Protocol) switching using program controlled telephone company switches in a manner that provides an improved efficiency use of the bandwidth through-put of such switches along with convenient Internet access whether taken alone or in combination fails to anticipate or render the above underline.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reason for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey C. Pwu whose telephone number is 571-272-6798.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2143

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



6/20/05

JEFFREY PWU
PRIMARY EXAMINER